

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16 (canceled).

17 (new). A safety ski binding comprising

- (a) a toe binding,
- (b) a heel binding,
- (c) an electronic circuit incorporating
 - (1) a single electronic display device arranged either in the toe binding or the heel binding for visualizing respective values or states of the toe binding or heel binding and
 - (2) a sensor system for displaying a set safety release value of the safety ski binding,
- (d) an electronic evaluation device in the toe binding and in the heel binding, each electronic evaluation device having
 - (1) a sensor for detecting the set safety release value,
- (e) a separate power supply system for each electronic evaluation device, and
- (f) a transmitter and receiver device for each electronic evaluation device for a wireless, one-way or two-way data or signal transmission therebetween.

18 (new). The safety ski binding of claim 17, wherein the single electronic display device is capable of generating a graphic display.

19 (new). The safety ski binding of claim 17, comprising a slip-on spring system in the heel binding, and wherein the electronic evaluation device in the heel binding is connected to a sensor for determining or checking a clamping pressure of the spring system relative to a ski shoe held by the heel binding.

20 (new). The safety ski binding of claim 19, wherein the sensor for determining or checking the clamping pressure is a magnetic field sensor.

21 (new). The safety ski binding of claim 20, wherein the magnetic field sensor is a Giant Magneto Resistive sensor.

22 (new). The safety ski binding of claim 20, comprising a heel binding housing enclosing a slip-on spring system, the magnetic field sensor being immovably joined to the housing, and a permanent magnet or metal part disposed on a part of the slip-on spring system that is displaceable relative to the magnetic field sensor.

23 (new). The safety ski binding of claim 17, wherein the electronic evaluation device in the heel binding is connected to a sensor for detecting the open and closed state of the heel binding.

24 (new). The safety ski binding of claim 23, wherein the sensor for detecting the open and closed state of the heel binding is comprised of a first Hall effect sensor for signaling the open state and a second Hall effect sensor for signaling the closed state.

25 (new). The safety ski binding of claim 17, wherein the electronic evaluation device in the heel binding is connected to a sensor for detecting the open or closed state of the heel binding.

26 (new). The safety ski binding of claim 17, wherein the sensor for detecting the set safety release value is comprised of two Hall effect sensors, and a multi-pole ring magnet rotatably joined to an adjusting screw for adjusting the release values of a release mechanism is disposed in the detection range of the Hall effect sensors.

27 (new). The safety ski binding of claim 22, wherein the Hall effect sensors are spaced apart at a distance from each

other in the circumferential direction of the ring magnet, the Hall effect sensors generating a digital sensor signal upon turning of the adjusting screw, and the electronic evaluation device comprises a counter for counting or recording the pulses or periods of the sensor signal.

28 (new). The safety ski binding of claim 23, wherein a numerical value representing the counted or recorded pulses or periods stored in a non-volatile memory system is increased or decreased by turning the adjusting screw, depending on the direction in which the adjusting screw is turned.

29 (new). The safety ski binding of claim 17, wherein the electronic evaluation device is designed to activate or deactivate the power supply of at least one sensor.

30 (new). The safety ski binding of claim 17, comprising a motion sensor connected to each electronic evaluation device.

31 (new). The safety ski binding of claim 17, comprising a motion sensor connected to the electronic evaluation device in the toe binding or to the electronic evaluation device in the heel binding.

32 (new). The safety ski binding of claim 31, wherein the electronic evaluation device is designed to be switched off or switched to a power-saving mode if the signal status of the motion sensor remains constant for a specific period of time.

33 (new). The safety ski binding of claim 32, wherein the electronic evaluation device is designed primarily to evaluate the signal status of the motion sensor in the power-saving mode, and other functions of the evaluation device are deactivated or minimized.

34 (new). The safety ski binding of claim 31, wherein the electronic display device is designed to be switched off, depending on signals of the motion sensor and on a period of time elapsing without any movement being detected by the evaluation device or the motion sensor.

35 (new). The safety ski binding of claim 17, wherein the electronic evaluation device in the toe binding is designed to switch off the electronic display device or to switch it to a power-saving mode if the heel binding changes from a closed to an open state.

36 (new). The safety ski binding of claim 17, wherein the transmitter and receiver device is comprised of a peripheral

electronic computer unit.

37 (new). The safety ski binding of claim 36, wherein the computer unit is comprised of a wrist-top computer, a hand-held computer, or a mobile telephone.